

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: QUALCOMM INCORPORATED

Application No./Patent No.: 09/902,193

Filed/Issue Date: 07-10-2001

Entitled: Method and apparatus for transmitting and receiving signals

QUALCOMM INCORPORATED

(Name of Assignee)

, a CORPORATION

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____ %)

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy therefore is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: JOHN SAMUELS To: NOKIA MOBILE PHONES LIMITED

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: NOKIA MOBILE PHONES LIMITED To: NOKIA CORPORATION

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: NOKIA CORPORATION To: QUALCOMM INCORPORATED

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Charles D. Brown
Signature

1-12-09
Date

CHARLES D. BROWN

Printed or Typed Name

858.651.6731

Telephone Number

VP, PATENT COUNSEL

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

1013406 US

PATENT 96035 US

Attorney Docket No.: _____

For: ☒ U.S. and/or ☒ Foreign Rights
For: ☐ U.S. Application or ☐ U.S. Patent
For: ☐ PCT Application
By: Single Inventor

ASSIGNMENT OF INVENTION (SINGLE INVENTOR)

In consideration of the payment by ASSIGNEE to the ASSIGNOR signing this assignment of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

ASSIGNORS (Inventor):

NAME	ADDRESS	NATIONALITY
<u>John Samuels</u>	<u>91 Bishops Wood</u> <u>Goldsworth Park</u> <u>Woking</u> <u>Surrey GU21 3QD</u> <u>United Kingdom</u>	<u>British</u>

hereby individually sell, assign and transfer to ASSIGNEE:

NOKIA MOBILE PHONES LIMITED
KEILALAHDENTIE 4
02150 ESPOO
FINLAND

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

- ☒ the entire right, title and interest
- ☐ an undivided _____ per cent (____ %) interest for the United States and its territorial possessions
- ☒ and in all foreign countries, including all rights to claim priority

in and to any and all improvements which are disclosed in the invention entitled:

METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING SIGNALS

(check and complete (a), (b), (c), (d) or (e))

and which is found in

- (a) U.S. patent application executed on the same date that I sign this assignment below
- (b) ☐ U.S. patent application executed on _____

To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney, as named in the Declaration and Power of Attorney I executed for this invention on the execution date stated above in (a) or (b), to insert below the filing date and application number when it becomes known.

- (c) ☒ U.S. application serial no. 08/994,228 filed on 19 DECEMBER 1997
- (d) ☐ International application no. _____
- (e) ☐ U.S. patent no. _____ issued _____

(check (f) if foreign application(s) is also being assigned)

- (f) ☒ and any legal equivalent thereof in a foreign country, including the right to claim

priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof;

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.

DATE: 17/2/98

By: J. Samuels

NAME: John Samuels

☐ Notarization or Legalization Page Added.

Note: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution 35 USC 261. Use next page if notarization is desired.

NATIONAL BOARD OF PATENTS AND REGISTRATION OF FINLAND

EXTRACT FROM THE TRADE REGISTER

Company name: Nokia Matkapuhelimet Oy

Business Identity Code: 0300326-6
Trade Register Number: 269.874
Company Registered: 06.07.1979
Company Form: limited liability company
Domicile: Espoo

Register entries:

COMPANY NAME (reg. 21.06.1989-30.09.2001)
Nokia Matkapuhelimet Oy.

PARALLEL COMPANY NAME (reg. 21.06.1989-30.09.2001)
Parallel company name (English): Nokia Mobile Phones Ltd.

DOMICILE (reg. 18.03.1997-30.09.2001)
Espoo.

IMPLEMENTATION OF MERGER (registered 01.10.2001)
By a permission granted by the Registration Authority
Marineland Oy Business ID 0196242-0, Nokia Networks Oy
Business ID 0101120-3, Nokia Matkapuhelimet Oy Business ID
0300326-6, Nokia Display Products Oy Business ID 0751877-7,
Nokia Multimedia Terminals Oy Business ID 0812093-9, have merged
with a company named Nokia Oy Business ID 0112038-9.

DISSOLUTION/TERMINATION OF BUSINESS (registered 01.10.2001)
The company has been dissolved.

ADDITIONAL INFORMATION:

No information on bankruptcy, liquidation and reorganization
proceedings, if any, is available in the computer system from
the time preceding December 02, 1994.
01.10.2001 Termination of business entered in the register.

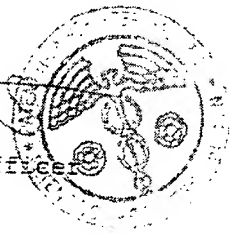
COMPANY NAME HISTORY:

21.06.1989 - 30.09.2001 Nokia Matkapuhelimet Oy
24.07.1985 - 20.06.1989 Nokia-Mobira Oy
06.07.1979 - 23.07.1986 Mobira Oy

Helsinki, 12 June 2008

For a true copy of the extract:

Ritva Lentinen
Administrative Officer



Fee €91.50



EXHIBIT B

FORM OF PATENT ASSIGNMENT

WHEREAS, Nokia Corporation, a corporation organized under the laws of Finland ("Nokia"), is the owner of certain patents and patent applications, as more particularly described on Attachment 1 hereto (collectively, the "Patents"); and

WHEREAS, Nokia has agreed to assign all of its right, title, and interest in and to: i) the Patents; and ii) all continuations, divisions, reissues and reexaminations containing at least one claim which claims priority from any of the Patents (the "Related Patents") to QUALCOMM Incorporated, a corporation organized under the laws of Delaware ("Qualcomm").

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged:

Nokia hereby sells, assigns, transfers and conveys to Qualcomm, and its successors and assigns, all right, title, and interest in and to each of the Patents listed on Attachment 1 hereto and all Related Patents.

This sale, assignment, transfer, and conveyance to Qualcomm, and its successors and assigns, is made subject to certain nonexclusive retained rights in favor of Nokia and certain pre-existing nonexclusive rights granted by Nokia for the Patents listed on Attachment 1 and for the Related Patents, all as are set forth in that certain Subscriber Equipment and Infrastructure Equipment License Agreement between Qualcomm and Nokia Corporation dated July 22, 2008 (the "Agreement"). As to such nonexclusive retained rights, Nokia hereby acknowledges and agrees that, on and after the date of this Assignment of Patents and Related Patents, Nokia does not retain any right under the Patents and Related Patents to (i) commence or prosecute any patent infringement litigation or any procedure for resolution of a controversy, whether arising or created by a claim, counterclaim or otherwise (as determined in the broadest sense and in whatever form), whether administrative, judicial, arbitral or otherwise, including, but not limited to, any proceeding before the United States International Trade Commission or in any jurisdiction throughout the world or (ii) exclude others (including, but not limited to, Qualcomm) from making (and having made), selling, offering to sell, using, importing or otherwise disposing of any products and/or services.

Subject to the provisions of Section 6 of the Agreement (including without limitation the rights retained by Nokia and the limitations imposed on Qualcomm in Section 6.3), this sale, assignment, transfer, and conveyance to Qualcomm, and its successors and assigns, also includes, without limitation, the right to enforce, assert, and sue for past, present, and future infringement on each of the foregoing Patents and Related Patents, and the right to recover and collect for past, present, and future damages with respect thereto.

IN WITNESS WHEREOF, the undersigned has caused this Assignment of Patents to be executed on 28 October, 2008.

By: [Signature]
Name: HARRI HONKASALO
Title: DIRECTOR, IPR

Harri Honkasalo
Director of IPR Patent Filing
& Prosecution

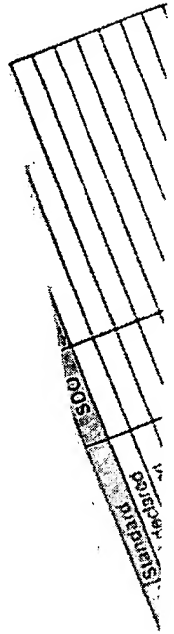
This is to certify that Harri Honkasalo
is Authorized to sign on behalf of
Nokia Corporation
on 28.10.2008
Ex officio:
PAULA

STATE OF _____)
) SS
COUNTY OF _____)

The foregoing Assignment of Patents was hereby acknowledged and executed before me on this _____ day of _____, by _____, the _____ of _____, a corporation organized under the laws of _____, on behalf of such corporation.

Notary Public: _____ County, _____

My commission expires: _____



ATTACHMENT I

Priority date	Country	Application No.	Grant No.	Title	Standard	SDQ	Doc
08 Jan 1991	US	08/081296	5408231	Oscillator unit with improved frequency stability	Not declared		
08 Aug 1991	US	08/0808204	5625879	Channel waiting method for a radio system	Not declared		
04 Feb 1993	DE	94905740.0	69419846.3	A METHOD OF TRANSMITTING AND RECEIVING CODED	Not declared		
	EP	94905740.0	634043				
	GB	94905740.0	634043				
	US	08/313263	5715362				
24 Sep 1993	US	08/619729	5752161	Method and apparatus for replacing a failed channel unit of a	Not declared		
23 Jun 1993	US	08/577512	5976687	Method for establishing a call in a cellular radio system	Not declared		
13-Jun-1994	AT	65522536.8	806120	POWER CONTROL METHOD AND ARRANGEMENT FOR	UMTS (T63)	ARIB	20040325 ver3
	AU	2739085	695283		UMTS	ETSI	20030627
	BE	95922536.8	806120				
	CH	95922536.8	806120				
	CN	95183557.7	65193557.7				
	DE	95922536.8	69534205.3				
	EP	95922536.8	806120				
	FI	942805	111580				
	GB	95922536.8	806120				
	HK	98103537.7	1004183				
	IT	95922536.8	806120				
	JP	9501690	3871707				
	NL	95922536.8	806120				
	US	08/785265	5862488				
	WO	PCT/FI95/00340					
27-Sep-1997	AT	95932032.6	783811	DATA TRANSMISSION METHOD IN A TDMA MOBILE	UMTS (T63)	ARIB	20030130 ver1
	AU	35240/95	696802	COMMUNICATION SYSTEM	GSM	ARIB	20020801
	CA	2200307	2200307		cdma2000 (T64)	ETSI	only unsigned umbrella form
	CN	95195967	95195967		UMTS	ETSI	20010531, 20010605
	DE	95932032.6	69533447.6				
	EP	95932032.6	783811				
	ES	95932032.6	783811				
	FI	944488	96558				
	FI	971270	115094				
	FR	95932032.6	783811				
	GB	95932032.6	783811				
	GR	95932032.6	783811				
	HK	98100352.5	1001449				
	IT	95932032.6	783811				
	JP	2006-270882	4044121				
	JP	8511421					
	KR	7010811997	679348				
	LU	95932032.6	783811				
	NL	95932032.6	783811				
	SE	95932032.6	783811				
	SG	9701451.8	39164				
	US	08/676024	6072787				
	US	09/506735					
	US	08/817331	6240079				
	WO	PCT/FI95/00527					
03 Sep 1993	US	08/600990	5752167	Method for adjusting transmission power in a radio system, and an exchange	Not declared		
15 Sep 1994	US	08/640980	5833479	Surface mount test point enabling hands-free diagnostic testing of electrical circuits	Not declared		
25 May 1988	US	07/349181	5212834	Circuit for extending the dynamic range of an intermediate level selector	Not declared		

ATTACHMENT 1

Priority date	Country	Application No.	Grant No.	Title	Standard	ADO
03 Feb 1989	US	07/468372	5016851	Attachment system for the holder of the operating device of a radiophone	Not declared	
29 Mar 1989	US	07/490159	5118965	Analog pulse converter from square to triangular to cos sup 2 wave	Not declared	
12 May 1989	US	07/519118	5109538	Circuitry for widening the effective range of a transmitter	Not declared	
11 May 1989	US	07/777453	5214372	Linearizing circuit for detection of a RF-power sensor	Not declared	
01 Dec 1989	US	07/621089	5173927	Frequency detector system on a digital phase locked loop	Not declared	
18 Jan 1990	US	07/638130	5079520	Interpolating phase-locked loop frequency synthesizer	Not declared	
29 Mar 1990	US	07/695485	5266949	Lighted electronic keyboard	Not declared	
	US	07/699302		Circuitry arrangement for the elimination of spurious response in a radio telephone receiver	Not declared	
27 Apr 1990	US	07/662760	5194826	Device for cooling a power transistor	Not declared	
29 Mar 1990	US	07/662760	5164884	Controllable high-frequency attenuator	Not declared	
14 Jan 1991	US	07/817777	5204643	Transmitter switch-on in a dual-mode mobile phone	Not declared	
22-Oct-1991	US	07/781698	5276917	Circuit board assembly	Not declared	
19 Mar 1991	US	07/848847	5288819	Dual mode radiotelephone terminal selectively operable for frequency modulated or phase modulated operation	Not declared	
23 Apr 1993	US	08/052335	5302460	I/O modulator and demodulator having a single bridge	Not declared	
13 Dec 1991	US	08/305584	5446422	Transformerless diode mixer	Not declared	
19 Dec 1991	US	07/982375	5311151	Digital detector	Not declared	
01 Nov 1991	US	07/089076	5379458	Radio transceiver apparatus with booster	Not declared	
24 Feb 1992	DE	07/067512	5287540			
	EP	93301051.4	558210			
	FR	93301051.4	558210			
	GB	93301051.4	558210			
11 Sep 1993	US	08/301051.4	558210	I/O modulator and I/Q-demodulator	Not declared	
10 Dec 1992	US	08/301614	5489126	Tuning of a radio receiver	Not declared	
12 Oct 1992	US	08/157618	5624288	Channel equalizer for a telecommunication system	Not declared	
	DE	08/965239	5835526	Digital coding of speech signals using analysis filtering and synthesis filtering	Not declared	
11 May 1992	DE	93303572.7	68029569.4			
	EP	93303572.7	570171			
	FR	93303572.7	570171			
	US	08/060427	5579433			
	DE	94303292.0	69419453	Method and apparatus for implementing a long-term synthesis filter	Not declared	
06 May 1993	EP	94303292.0	623916			
	FR	94303292.0	623916			
	US	08/639718	5761635			
2-Oct-1992	US	08/292355	5457814	Power boost system for cellular telephone		
08 Feb 1994	DE	95300745.7	68524890.1	Parametric speech coding	Not declared	
	EP	95300745.7	666558			
	FR	95300745.7	666558			
	GB	95300745.7	666558			
	JP	7-20671	3602593			
	US	08/382875	5742733			
09 Sep 1994	US	08/767288	5764692	Dual mode radiotelephone modulator	Not declared	
29 Oct 1993	GB	9421660.3	2283392	RF channel simulator	Not declared	
	US	08/330285	6056261			
14 Nov 1994	US	08/555012	5740521	Method and circuit for creating frequencies for a radio telephone	Not declared	
09 Oct 1996	US	08/646370	5949267	Circuit arrangement for generating signals with different phases	Not declared	
21 Apr 1995	US	08/634509	5822356	Transceiver and method for generating and processing complex I/Q-signals	Not declared	

ATTACHMENT 1

Priority date	Country	Application No.	Grant No.	Title	Standard	SOC
10-Jun-1994	DE	95303929.4	69522501.4	Method to reduce the power consumption of an electronic device comprising a voltage regulator	not declared	
	EP	95303929.4	686903			
	ES	95303929.4	686903			
	FR	95303929.4	686903			
	GB	95303929.4	686903			
	US	08/468599	5717319			
09 Oct 1990	US	08/947419	6041298	Process for the synthesis of a frame of a speech signal	Not declared	
19 Dec 1994	US	08/693134	6092222	Data transmission method, data transmission system, and cellular radio system		
31-Aug-1995	AU	32605/95	712159	Handover method, and a cellular radio system	Not declared	
	BE	95929130.3	872141		302.15 (T64)	ARIB 20080327
	CH	95929130.3	872141		UMTS (T63)	ARIB 20010905
	CN	95157949.3	99197949.3		cdma2000 (T64)	ARIB 20070801
	DE	95929130.3	69532826.3		UMTS	ETSI 20010605
	EP	95929130.3	872141		IEEE802.16	IEEE 20090629
	ES	95929130.3	872141			
	FR	95929130.3	872141			
	GB	95929130.3	872141			
	IT	95929130.3	872141			
	JP	9-509674	3825049			
	NL	95929130.3	872141			
	NO	19980874	321945			
	SE	95929130.3	872141			
	US	09/043012	6198928			
	WO	PCT/FI95/00467				
6-Feb-1996	AT	4100776.6	1437913	Establishment of macro diversity with random access type connections in a cellular radio system	cdma2000 (T64)	ARIB 20020801
	AU	16041/97	719098		UMTS	ETSI 20020704
	BE	97902378.5	953259		UMTS (T63)	ARIB 20030130 ver2
	DE	4100776.6	1437913			
	EP	97902378.5	953259			
	FR	4100776.6	1437913			
	GB	97192111.3	97192111.3			
	DE	97902378.5	69730992.4			
	EP	4100776.6	953259			
	EP	97902378.5	1437913			
	ES	4100776.6	953259			
	ES	97902378.5	953259			
	FI	4100776.6	1437913			
	FR	960541	102447			
	FR	97902378.5	953259			
	GB	4100776.6	1437913			
	GB	97902378.5	953259			
	GB	4100776.6	1437913			
	IT	97902378.5	953259			
	IT	4100776.6	1437913			
	JP	9-528190	4020967			
	NL	97902378.5	953259			
	NL	4100776.6	1437913			
	NO	19983605	316591			
	SE	97902378.5	953259			
	SE	4100776.6	1437913			
	US	09/117923	6539236			
	US	11/087107	RE39381			

ATTACHMENT I

Priority date	Country	Application No.	Grant No.	Title	Standard	3GPP
11-May-1994	WO	PCT/FI97/00064				
	AT	95918002.7	709015	Control of handover and transmission power control of mobile station in a mobile telecommunications system	UMTS	ETSI 20011221
	AU	2410495	682112		cdma2000 (T64)	ARIB 20020801 not applied JP
	BE	95918002.7	709015			
	CH	95918002.7	709015			
	CN	95190411.6	95190411.6			
	DE	95918002.7	69522527.8			
	EP	95918002.7	709015			
	FI	942191	96468			
	FR	95918002.7	709015			
	GB	95918002.7	709015			
	IT	35918002.7	709015			
	JP	7-523392	3831782			
	NL	95918002.7	709015			
	NO	18960118	316843			
	SE	95918002.7	709015			
	US	08/591557	5898925			
	US	08/678043	5991627			
	WO	PCT/FI95/00249				
31 Dec 1997	US	09/607072	7050439	Method for performing discontinuous transmission in an asynchronous transfer mode	Not declared	
	DE	98909518.7	69809580.8	Adaptive filter	H.264/AVC	ITU-T/ISO/IEC 20010607 and 20071221 update
	DE	3029893.9	69837728.1			
	EP	98909518.7	966841			
	EP	3029893.9	1429563			
	FI	971060	106071			
	FR	98909518.7	966841			
	FR	3029893.9	1429563			
	GB	98909518.7	966841			
	GB	3029893.9	1429563			
	HK	103952	1026321			
	JP	2005-333208				
	JP	10-539257	3771275			
	NL	98909518.7	966841			
	NL	3029893.9	1429563			
	US	10760873	7242815			
	US	09/380918	6724944			
	WO	PCT/FI98/00219				
27-Mar-1997	BE	98912523.2	935894	ALLOCATION OF CONTROL CHANNEL IN PACKET RADIO NETWORK	GSM	ETSI 20020724
	CA	2254142	2254142			
	CH	98912523.2	935894			
	CN	98800378.3	98800378.3			
	DE	98912523.2	69828766.5			
	DE	5100416.6	69835045.6			
	EP	98912523.2	935894			
	EP	5100416.6	1538863			
	ES	98912523.2	935894			
	FI	971537	104610			
	FR	98912523.2	935894			
	GB	98912523.2	935894			
	GB	5100416.6	1538863			
	IN	IN651/MAS/98	165337			

ATTACHMENT 1

Priority date	Country	Application No.	Grant No.	Title	Standard	SDO	SDO
10-Sep-1997	IT	98912523.2	935894				
	MY	P19801360	MY-119520-A				
	NL	98912523.2	935894				
	SE	98912523.2	935894				
	SG	9805607.4	60504				
	US	08/194572	8430163				
	WO	PCT/F198/00281					
	ZA	98/2553	98/2553				
10-Sep-1997	AU	9163698	747896	METHOD OF IMPLEMENTING MACRODIVERSITY	UMTS	ETSI	20010605
	CH	98943911.2	1021874		UMTS (T83)	ARIB	not found
	CN	98809032.5	98809032.5				
	DE	98943911.2	69832405.6				
	DK	98943911.2	1021874				
	EP	98943911.2	1021874				
	ES	98943911.2	1021874				
	FI	973652	103446				
	FR	98943911.2	1021874				
	GB	98943911.2	1021874				
	GR	98943911.2	1021874				
	IT	98943911.2	1021874				
	JP	2000-511310	3745224				
	NO	20001225					
	SE	98943911.2	1021874				
	US	09/520387	6359865				
	WO	PCT/F198/00702					
29-Jan-1998	AT	99900905.3	1064799	Method of ciphering data transmission, and cellular radio system	UMTS	ETSI	20010605
	AU	20370799	750597		IEEE802.16	IEEE	20090629
	BR	P16907196.7			IEEE802.11	IEEE	20090629
	CN	99002508.9			802.16 (T84)	ARIB	20080327
	DE	99000905.3	69932814.4		UMTS (T83)	ARIB	not found
	EP	99000905.3	1064799				
	ES	99000905.3	1064799				
	FI	980208	111433				
	FR	98000905.3	1064799				
	GB	99000905.3	1064799				
	IN	2000/00204/CHE	200260				
	IT	99000905.3	1064799				
	JP	2006-172721					
	KR	2000-7008254	431638				
	NL	99000905.3	1064799				
	US	09/238313	8535978				
	WO	PCT/F199/00059					
23 Sep 1998	US	09/159005	6522553	Use of priorities defined by a customer in a SIMA network	Not declared		
7-Jan-1998	AU	1880799	752333	Cell selection in a multiple modulation cellular radio system	GSM	ETSI	20010531
	CN	98803540.8	98803540.8				
	DE	98300036.3	89915715.3				
	EP	98300036.3	979203				
	FI	880020	106607				
	FR	98300036.3	929203				
	GB	98300036.3	929203				
	HK	1106236					
	IT	98300036.3	929203				
	JP	2000-528121					
	US	09/224234	6788952				

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1-Sep-1998	WO	PC/T/FI99/00006				
	AU	54251/99	757352	Method for transmitting background noise information in data transmission in data frames	GSM	ETSI 20011221
	BR	P19912594.9			UMTS (T63)	ARIB 20030130 ver1
	CN	99810506.6	99810506.6		UMTS	ETSI 20011221 and 20070031
	DE	19941331.2	19941331.2		ETSI WCDMA is withdrawn on 21-Aug-07	
	FI	981869	105635			
	FR	9910952	9810852			
	GB	9920153.5	2344722			
	IT	M199A0001858	1313290			
	JP	11-247569	3424918			
	KR	2001-7002028	470598			
	US	09/387369	6658064			
	WO	PCT/FI99/00706				
02 Nov 1995	CN	96191305.3	96191305.3	Method and arrangement for interference-protected power supply	Not declared	
	US	08/875057	6009337			
24-Sep-1996	AU	43868/97	723472	DETERMINING GRADE OF SERVICE AND MOBILE TELEPHONE SYSTEM	UMTS (T63)	ARIB 20030130 ver1
	BE	97942054.4	976266		UMTS	ETSI 20011221
	CN	200510078656.60				
	CN	97198217.1	97198217.1			
	DE	97942054.4	69733839.8			
	EP	97942054.4	976266			
	ES	97942054.4	976266			
	FI	963814	104141			
	FR	97942054.4	976266			
	GB	97942054.4	976266			
	GR	97942054.4	976266			
	HK	06111191.8				
	IE	97942054.4	976266			
	IT	97942054.4	976266			
	JP	10-515313	3814978			
	NL	97942054.4	976266			
	NO	19991398	318280			
	SE	97942054.4	976266			
	US	09/269228	6560460			
	WO	PCT/FI97/00570				
27-Mar-1997	AU	67316/98	732086	PACKET TRANSMISSION IN MOBILE TELECOMMUNICATIONS SYSTEMS	GSM	ETSI 20010531
	BE	98912514.1	920760			
	CH	98912514.1	920760			
	CN	98800380.5	88800380.5			
	DE	98912514.1	69823864.4			
	EP	98912514.1	920760			
	EP	04101088.5				
	ES	98912514.1	920760			
	FI	971319	104874			
	FR	98912514.1	920760			
	GB	98912514.1	920760			
	IT	98912514.1	920760			
	NL	98912514.1	920760			
	NO	19985510				

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13-Oct-1997	US	09/171968	920760			
	US	09/171968	6577619			
	WO	PCT/US98/00272				
13-Oct-1997	US	09/547521	8665531	Transmission system for relaying short messages	not declared	
	WO	PCT/US98/00793				
	US	09/402646	6999775			
11 Apr 1997				Method of controlling load in mobile communication system by DTX period modification	Not declared	
11 Dec 1996	US	09/319301	6229738	Resettable memory structure	Not declared	
02 Nov 1998	US	09/796178	6459893	Method and system for tracing a subscription	Not declared	
27 Jun 1997	US	09/464944	6731641	Processing of signalling messages in ATM node	Not declared	
07 Oct 1998	US	09/825763	6577719	Method and system for the processing of tariff data	Not declared	
				Transmitter/receiver for transmitting and receiving of an RF signal in two frequency bands	not declared	
1-Apr-1996	DE	97660033.8	66737000.3			
	EP	97660033.8	800283			
	EP	06122028.1				
	FI	961465	100286			
	FR	97660033.8	800283			
	SE	97660033.8	800283			
	US	08/827323	5896562			
08 Jul 1998	US	08/677724	5787362	AM removal from FM signal generated by IQ modulator	Not declared	
	US	08/602401	5896373	Method for executing handover in a radio extension of an ATM network	Not declared	
22 Feb 1996				Dual band architectures for mobile stations	Not declared	
15 May 1997	US	08/856964	5974305	Dual band architectures for mobile stations	Not declared	
	US	09/321032	6215988	Dual band architectures for mobile stations	Not declared	
28-Feb-1997	CN	98802945.6	98802945.6	Cell prioritising in a cellular radio system	GSM	ETSI 20020724
	DE	98301527.2	69831987.7			
	EP	98301527.2	862346			
	ES	9950041	9850041			
	FR	98301527.2	862346			
	GB	98301527.2	862346			
	IT	98301527.2	862346			
	SE	9903029.8	524554			
	US	09/028726	6978142			
	WO	PCT/US98/00182				
24-Jun-1997	AT	98924337.3	992131	TIME DIVISION MULTIPLE ACCESS RADIO SYSTEMS	GSM	ETSI only annex form 20000308
	AU	7656398	726098			
	CN	98806506.1	98806506.1			
	DE	98924337.3	992131			
	EP	98924337.3	992131			
	FI	972724	104135			
	FR	98924337.3	992131			
	GB	98924337.3	992131			
	IT	98924337.3	992131			
	NL	98924337.3	992131			
	RU	2000101859	2195773			
	SE	98924337.3	992131			
	US	09/098832	6967943			
	WO	PCT/US98/00468				
		89266/98				
5-Nov-1997	AU		754592	Method and arrangement for defining transmission power in a mobile station	GSM	ETSI 20010531
	BR	PI9804390.0				
	CH	211498	693807			
	CN	98123845.9	98123845.9			
	DE	19847678.7	19847678			
	ES	9802289	9802289			

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FI	FI	974144	106665		
FR	FR	9813208	9813208		
GB	GB	9823843.9	231203		
IN	IN	2404/MAS/98	208478		
IT	IT	M198A002375	1303703		
NL	NL	1010477	1010477		
RU	RU	98120252	2216862		
US	US	09/185687	6744742		
29 May 1998	US	09/10353	6404354	Rotary controller for electrical or electronic apparatuses	Not declared
22 Dec 1998	US	09/489202	6273573	Display window	Not declared
23 Dec 1998	GB	9626732.3	2120832	Method and apparatus for transmitting and receiving signals	Not declared
	US	08/994228	8628927		
	US	08/902193			
13 Oct 1998	US	08/416228	6629068	Calculating a postfilter frequency response for filtering digitally processed speech	Not declared
19 Mar 1997	US	09/012205	6055496	Vector quantization in cepstral speech coding	Not declared
01 Jul 1997	US	08/886609	5924062	ACLEP codec with modified autocorrelation matrix storage and search	Not declared
19 Dec 1997	US	09/593651	6631275	Method for accelerating call establishment in a radio communication system	Not declared
23-Mar-1998	CN	9805223.X	9805223.X	Services on demand in mobile communications system	UMTS (T63)
	EP	99/11927.6			UMTS
	FI	980651	107859		
	JP	2000-542936			
	US	11/147368	7266366		
	US	11/682068			
	US	09/688315	6957063		
	WO	PCT/FI99/00229			
31-Mar-1998	BE	99/13334.1		A METHOD FOR CONTROLLING CONNECTIONS TO A MOBILE STATION	
	BR	P19909307.3	1068757		
	CN	98095061.X	98095061.X		cdma2000 (T64)
	DE	99/13334.1	69917247		IEEE 802.16
	EP	99/13334.1	1068757		UMTS
	ES	99/13334.1	1068757		ETSI 20010531 and 20010605
	FI	980736	1068757		ARIB 20030130 ver1
	FR	99/13334.1	1068757		
	GB	99/13334.1	1068757		
	IT	99/13334.1	1068757		
	JP	2000-541842	3515073		
	NL	99/13334.1	1068757		
	SE	99/13334.1	1068757		
	US	09/647132	6807421		
	WO	PCT/FI99/00268			
3-Jul-1998	AU	2003204581	2003204581	DATA TRANSMISSION METHOD AND MOBILE TELEPHONE SYSTEM	UMTS
	AU	206202026			ETSI 20010531 and 20010605
	BE	99/36624.8	1012995		
	CN	99/1086.3	99/1086.3		
	DE	99/36624.8	69917875.4		
	EP	99/36624.8	1012995		
	ES	99/36624.8	1012995		
	FR	99/36624.8	1012995		
	GB	99/36624.8	1012995		
	IT	99/36624.8	1012995		

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28-Oct-1999	JP	2003-301639	4087316			
	NL	99936624.8	1012905			
	NO	20001072	320212			
	SE	99936624.8	1012995			
	US	11/152084	7139260			
	US	11/582303				
	US	09/486921	6975615			
	WO	PCT/EP99/00581				
28-Oct-1999	FI	19992330	109746	Method and a device for erasing a notification message	GSM	ETSI 20071231
	US	09/659646	7353015		UMTS	ETSI 20071231
7-Sep-1998	BE	98940435.3	1112627	COMMUNICATION SYSTEM	UMTS (T63)	ARIB 20010905
	BR	P19913452.7			UMTS	ETSI 20010605
	CH	99940435.3	1112627			
	CN	99812647	99812647			
	DE	99940435.3	89904083.9			
	EP	99940435.3	1112627			
	ES	99940435.3	1112627			
	FR	99940435.3	1112627			
	GB	99940435.3	1112627			
	IT	99940435.3	1112627			
	JP	569534/2000				
	NL	99940435.3	1112627			
	SE	99940435.3	1112627			
	US	09/786772	7024194			
	WO	PCT/IB99/01546				
7-Dec-1998	BE	98966894.2	1135868	POWER CONTROL METHOD AND SYSTEM IN MOBILE COMMUNICATION NETWORKS	UMTS	ETSI 20010531 and 20010605
	BR	P19816101.6			UMTS (T63)	ARIB 20010905
	CA	2353902	2353902			
	CH	98966894.2	1135868			
	CN	98814388.7	98814388.7			
	DE	98966894.2	69831020.9			
	EP	98966894.2	1135868			
	EP	05014199.3				
	ES	98966894.2	1135868			
	FR	98966894.2	1135868			
	GB	98966894.2	1135868			
	IT	98966894.2	1135868			
	JP	2000-587470	3745622			
	KR	7007110/2001	659754			
	NL	98966894.2	1135868			
	SE	98966894.2	1135868			
	US	09/676462	6493564			
	WO	PCT/EP98/07931				
26-May-1999	AT	929591.7		Method for initiating in a terminal of a cellular network the measurement of power levels of signals and a terminal	UMTS (T63)	ARIB 20010905
	BR	P10010959.2	1180316		UMTS	ETSI 20010531
	CA	2374864	2374864			
	CH	00929581.7	1180316			
	CN	00809377.6	809377.6			
	DE	00929581.7	60031843.5			
	EP	00929581.7	1180316			
	ES	00929581.7	1180316			
	FI	991194	112583			
	FR	00929581.7	1180316			

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24-Sep-1999	GB	00929581.7	1180316			
	IT	00929581.7	1180316			
	JP	2006-9717				
	KR	7015139/2001	469687			
	NL	00929581.7	1180316			
	SE	00929581.7	1180316			
	US	09/979208	7096021			
	WO	PCT/JP00/00470				
		P10014248.4		Handover between wireless telecommunication networks/systems		
	CA	2385656	2385656		UMTS (T63)	ARIB
	CN	00814585.7	814585.7		UMTS	ETSI
	DE	00954846.2	60040080.8		GSM	ETSI
	EP	00954846.2	1214855			ETSI
	FR	00954846.2	1214855			
	GB	00954846.2	1214855			
	IT	00954846.2	1214855			
	JP	2001-525995	3694265			
	KR	7003880/2002	726097			
	NL	00954846.2	1214855			
	US	09/406209	6771964			
	WO	PCT/IB00/01271				
11-May-1999	AT	00925334.5	1180315	INTEGRITY PROTECTION METHOD FOR RADIO NETWORK SIGNALING		
	BE	00925334.5	1180315			
	BR	P10010408.6			UMTS (T63)	ARIB
	CA	2371365	2371365		UMTS	ETSI
	CH	00925334.5	1180315			
	CN	00807372.4	807372.4			
	DE	00925334.5	60001277.8			
	EP	00925334.5	1180315			
	ES	00925334.5	1180315			
	FI	991088	112315			
	FR	00925334.5	1180315			
	GB	00925334.5	1180315			
	IN	173/CHENP/2005	1180315			
	IN	IN/PCT/2001/01542/CH				
	IT	00925334.5	1180315			
	JP	00925334.5	1180315			
	NL	00925334.5	1180315			
	SE	00925334.5	1180315			
	US	10/009658	7246242			
	WO	PCT/JP00/00421				
26-May-1999	BR	P19917317.4		Random access control method and system		
	CA	2374854	2374854		UMTS	ETSI
	CN	99816656.1	99816656.1		CDMA2000 (T64)	ARIB
	DE	99927762.7	59914108.7		UMTS (T63)	ARIB
	EP	99927762.7	1183344			
	ES	99927762.7	1183344			
	FR	99927762.7	1183344			
	GB	99927762.7	1183344			
	IT	99927762.7	1183344			
	JP	2006-345875				
	JP	2001-500566	3928777			

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70-1497/2001	KR	80027762.7	1188344					
	NL	59927762.7	1188344					
	SE	10/014153						
	US	PC/EP/98/03630						
9-Oct-2000	CN	01817113.3	ZL01817113.3	Communication system				
	EP	01883744.2						
	JP	2002-535430						
	US	16298718						
	WO	PCT/IB01/02222						
10-Nov-2000	EP	01988335.5						
	IN	489/CHENP/2003	211585	Channel allocation for communication system				
	RU	2003113323	2260923					
	US	10/398716						
	WO	PCT/IB01/02219						
	US	09/876560	6941337	Interaction arrangement for a sequence of interactions providing a service to a user				
07-Jun-2001								
9-Oct-2000	AU	2002215182	2002215182	Radio resource management	Not declared	ARIB	ETSI	not found
	BR	P10114497.9			UMTS (T63)	ETSI	ETSI	20051222
	CA	2423322			GSM	ETSI	ETSI	20051117
	CN	1817112.5	1817112.5					
	DE	01983742.6	1325660					
	EP	01983742.6	1325660					
	FR	01983742.6	1325660					
	GB	01983742.6	1325660					
	IT	01983742.6	1325660					
	NL	01983742.6	1325660					
	JP	2002-284765						
	JP	2002-535435						
	RU	2003113325	2277762					
	US	10/398730	7072663					
	WO	PCT/IB01/02220						
28-Mar-2002	CA	2480749		Method and system for re-authentication in IP multimedia core network system (IMS)				
	CN	03810667.1			cdma2000 (T64)	ARIB	20040129	
	EP	03745349.5			GSM	ETSI	20031219	
	JP	2003-681522			UMTS	ETSI	20031219	
	KR	701953072004	583845		UMTS (T63)	ARIB	20040325 ver.3	
	MX	PATA/2004/009413	246287					
	RU	2004131851	2286016					
	US	10/307420	6859651					
	WO	PCT/IB03/01022						
		00950589.2	1205084					
30-Jul-1999	AT			SYSTEM AND METHOD FOR PERFORMING SOFT HANDOFF BETWEEN FREQUENCY DIVISION DUPLEX AND TIME DIVISION DUPLEX COMMUNICATION SYSTEMS	UMTS	ETSI	20020704	
	BR	P10012970.8			UMTS (T63)	ARIB	20030130 ver.1	
	CA	2378415						
	CH	00950589.2	1205084					
	CN	811001.8	1205084					
	DE	00950589.2	1205084					
	EP	00950589.2	1205084					
	ES	00950589.2	1205084					
	FR	00950589.2	1205084					
	GB	00950589.2	1205084					

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IT	JP	00950589.2	1205084		
	KR	2001-513926			
	NL	7001348/2002	796818		
	SE	00650589.2	1205084		
	US	00950689.2	1205084		
	WO	09/364523	6611507		
20-Aug-1999	AU	PCT/US00/20074			
	BR	2001243533	2001243533	Technique for compressing a header field in a data packet	IETF
	CA	P10109097.6			
	CN	2402438	2402438		
	CN	200410097483.80			
	CN	01806173.7			
	EP	01918516.6	1808173.7		
	IN	IN/PCT/2002/01380/CH			
	IN	TBA			
	JP	2007-236622			
	JP	2001-565612			
	KR	2002-7011788	502313		
	MX	PA/a/2002/008806	232254		
	RU	2002128987	2278478		
	US	09/522363	6680955		
	WO	PCT/US01/07573			
11 Jun 2001	CN	02811726.3	2811726.3	Method and apparatus for coding successive pitch periods in speech signal	Not declared
	EP	02727961.1			
	KR	2003-7016101			
	US	09/878762	8584437		
3-Apr-1998	BE	99911842.5			
	BR	P19909387.1	1072162		
	CN	99804689.2			
	DE	99811842.5	99804689.2		
	EP	99911842.5	69904711		
	ES	99811842.5	1072162		
	FI	980780	2188145		
	FR	99911842.5	114060		
	GB	99911842.5	1072162		
	IT	99911842.5	1072162		
	JP	2000-542942	3871514		
	NL	99911842.5			
	SE	99911842.5	1072162		
	US	09/647587	1072162		
	WO	PCT/FI99/00257	6878531		
17-Feb-1998	CA	2320775	2320775	Measurement reporting in a telecommunication system	
	CN	200810091989.60			
	CN	99803036.8			
	DE	99802583.6	99803036.8		
	EP	99802583.6	69907877.6		
	ES	99802583.6	1057357		
	FI	980357	1057357		
	FR	99802583.6	106285		
	GB	99802583.6	1057357		
	IT	99802583.6	1057357		
	JP	2000-532992	4122132		
	NL	99802583.6	1057357		

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17-Feb-1998	SE	95902583.6	1057357		
	US	05/622468	7003290		
	WO	PCT/JP99/000096			
	DE	2021007.6	69928137.7	Measurement reporting in a telecommunication system	
	EP	2021007.6	1276344		
	ES	2021007.6	1276344		
	FR	2021007.6	1276344		
	GB	2021007.6	1276344		
	IT	2021007.6	1276344		
	NL	2021007.6	1276344		
	SE	2021007.6	1276344		
	US	11/293695			
6-Oct-1998	BE	98954361.6	1119993	PAGING CONTROL METHOD AND APPARATUS	UMTS (T63)
	CA	2143026	2343028		UMTS
	CH	98954361.6	1119993		
	CN	98814267.8	98814267.8		
	DE	98954361.6	68821146.4		
	EP	98954361.6	1119993		
	ES	98954361.6	1119993		
	FI	98954361.6	1119993		
	FR	98954361.6	1119993		
	GB	98954361.6	1119993		
	IT	98954361.6	1119993		
	JP	2000-575324	3411907		
	NL	98954361.6	1119993		
	SE	98954361.6	1119993		
	US	09/824938	7089023		
	WO	PCT/EP98/06360			
5-Jan-1999	AU	21124/00		Transporting QoS mapping information in a packet radio network	
	BE	00901155.2	759822		cdma2000 (T64)
	CA	2358194	1151586		GSM
	CH	00901155.2	2358194		ETSI
	CN	802587.3	1151586		ETSI
	DE	00901155.2	802587.3		ETSI
	EP	00901155.2	8003625.5		ETSI
	ES	00901155.2	1151586		ETSI
	FR	00901155.2	1151586		ETSI
	GB	00901155.2	1151586		ETSI
	IT	00901155.2	1151586		ETSI
	JP	2000-583029	3625769		ETSI
	MX	P/A/2001/006861	224997		ETSI
	US	11/344129			ETSI
	WO	PCT/JP00/000003	7167447		ETSI
1-Jun-1999	AU	50375/00		Wireless telecommunications system employing dynamic multislots class	
	CN	200510105809.90	773521		GSM
	EP	00808273.1	808273.1		
	HK	00935436.6			
	IN	08106252.2			
	RU	IN/PC/2001/01486	209368		
	US	2001135890	2263414		
	WO	09/476404	6663299		
		PCT/US00/00825			

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12-May-2000	US	09/070102	6370868	Training sequence based signalling for enhanced general packet radio service (EGPRS)	GSM	ETSI	20031117
2-Nov-1999	WO	PCT/IB01/00786					
	AU	00972954.2	1226733	Signalling method	UMTS (T63)	ARIB	20030130 ver2
	BR	P10014218.2	776109		UMTS	ETSI	20011221
	CA	2389711	2389711				
	CH	00972954.2	1226733				
	CN	00815207.1	815207.1				
	DE	00972954.2	60031566.5				
	EP	00972954.2	1226733				
	ES	00972954.2	1226733				
	FI	19592389	109320				
	FR	00972954.2	1226733				
	GB	00972954.2	1226733				
	IT	00972954.2	1226733				
	JP	2000-321477	3502604				
	KR	2002-7004347	451298				
	MX	PA/9/2002/004345	222863				
	NL	00972954.2	1226733				
	SE	00972954.2	1226733				
	TR	00972954.2	1226733				
	US	09/704205	6751227				
	US	11/454183					
	WO	PCT/FI00/00955					
11-Feb-2000	AU	2548200	771457	TRANSMIT DIVERSITY METHOD AND SYSTEM	UMTS	ETSI	20011221
	BE	00903687.2	1097525		UMTS (T63)	ARIB	20030130 ver1
	CH	00903687.2	1097525				
	CN	00800370.1	300870.1				
	DE	00903687.2	60010408.7				
	EP	00903687.2	1097525				
	ES	00903687.2	1097525				
	FR	00903687.2	1097525				
	GB	00903687.2	1097525				
	IT	00903687.2	1097525				
	JP	2000-620753	3917375				
	NL	00903687.2	1097525				
	NO	20010290	323647				
	SE	00903687.2	1097525				
	US	09/741135	6754286				
	WO	PCT/EP00/01127					
1-Mar-2000	AT	1813917.9	1284506	Counter initialization, particularly for radio frames	UMTS	ETSI	20011221
	BR	P10108832.7			UMTS (T63)	ARIB	20030130 ver1
	CA	2401057	2401057				
	CH	01913917.9	1284506				
	CN	01805864.7	1805864.7				
	DE	01913917.9	60125519.4				
	EP	01913917.9	1264506				
	ES	01913917.9	1264506				
	FI	20001052	110974				
	FR	01913917.9	1264506				
	GB	01913917.9	1284506				
	IT	01913917.9	1264506				
	JP	2001-563560	3705580				
	KR	2011519/2002	699751				

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Priority date	Country	Application No.	Grant No.	Title	Standard	
	NL	01913917.9	1264506			
	SE	01913917.9	1264506			
	TR	01913917.9	TR200701220T4			
	US	11835208				
	US	10231364				
	WO	PCT/FI0100202	7286630			
8-Aug-2001	CA	2455859		Diversity transmitter and diversity transmission method	LTE	ETSI 20080825
	CN	01823530.1	1823530.1			
	EP	01960642.5				
	ID	W-00200400243				
	IN	501CHENP72004				
	JP	2003-520127	3978426			
	KR	7001960/2004	679465			
	US	11816588				
	US	10239851	7158579			
	WO	PCT/EP0109231				
14-Sep-1998	CN	99810886.3	2199810886.3			
	EP	99942834.3				
	FI	981979	108200			
	HK	02102101.0	1040869			
	JP	2000-570090	3433186			
	US	09/394951	6385451			
	WO	PCT/FI9900728				
		58322/00		METHOD OF IDENTIFYING INFORMATION ADDRESSED TO A USER IN A COMMUNICATION SYSTEM, AND A COMMUNICATION SYSTEM	UMTS (T63)	ETSI 20010531 and 20010505
5-Jun-1999	AU		770597		UMTS	20010531 and 20010505
	BE	00944086.8	1114526		ARIB	20010505
	CH	00944086.8	1114526			
	CN	200310116460.20				
	CN	00801320.9	801320.9			
	DE	00944086.8	60017351.8			
	EP	00944086.8	1114526			
	ES	00944086.8	1114526			
	FI	991534	107675			
	FR	00944086.8	1114526			
	GB	00944086.8	1114526			
	IT	00944086.8	1114526			
	JP	2001-508078	3845014			
	NL	00944086.8	1114526			
	NO	20011084				
	SE	00944086.8	1114526			
	US	09/763946	7085248			
30-Jun-1998	WO	PCT/FI0000614		DATA TRANSMISSION IN A TDMA SYSTEM	GSM	ETSI 20051117
	AT	99032755.4	E274261			
	DE	99032755.4	1092288			
	EP	99032755.4	1092288			
	EP	04019481.3				
	FR	99032755.4	1092288			
	GB	8814080.0	2339113			
	US	10052283	6819637			
	US	09/342843	7158489			
	WO	EP99/04503				
16-Jun-1998	BR	PI9911304.0		METHOD FOR THE CONTROL OF COMMUNICATION AND COMMUNICATIONS SYSTEM	UMTS (T63)	ARIB 20030130 ver.1
	CN	99807410.1	99607410.1		UMTS	20010531 and 20010505

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Priority date	Country	Application No.	Grant No.	Title	Standard	
29-Aug-1998	DE	99931296	1088460			
	EP	99931296	1088460			
	ES	99931296	1088460			
	FI	981398	108830			
	FR	99931296	1088460			
	GB	99931296	1088460			
	GR	99931296	1088460			
	IT	99931296	1088460			
	JP	2000-55452	3448584			
	NL	99931296	1088460			
	PT	99931296	1088460			
	US	09/719566	6801786			
	WO	PCT/FI99/00522				
				NEIGHBOUR CELL MEASUREMENTS FOR CELL RE-SELECTION	GSM	ETSI 20020724
	DE	99939471.1	1108315			
	EP	99939471.1	1108315			
	FI	981855	107861			
	FR	99939471.1	1108315			
	GB	99939471.1	1108315			
	JP	2000-568224				
	NL	99939471.1	1108315			
	US	09/385109	5377803			
	WO	PCT/FI99/00690				
				METHOD AND ARRANGEMENT FOR OPTIMAL SCHEDULING OF SLOTTED-MODE RELATED MEASUREMENTS IN A CELLULAR RADIO SYSTEM	UMTS (T63) UMTS	ARIB 20010905 ETSI 20010531 and 20010605
9-Nov-1998	AU	12740/00	760831			
	BE	99956045.1	1131972			
	CH	99956045.1	1131972			
	CN	99813100.8	99813100.8			
	DE	99956045.1	1131972			
	EP	99956045.1	1131972			
	ES	99956045.1	1131972			
	FI	982432	108270			
	FR	99956045.1	1131972			
	GB	99956045.1	1131972			
	IT	99956045.1	1131972			
	JP	11-318161	3433146			
	NL	99956045.1	1131972			
	SE	99956045.1	1131972			
	US	09/435910	6532226			
	WO	PCT/FI99/00927				
				METHOD AND ARRANGEMENT FOR AVOIDING LOSS OF ERROR-CRITICAL NON-REAL TIME DATA DURING CERTAIN HANDOVERS	UMTS (T63) UMTS	ARIB 20030130 ver1 ETSI 20011221
23-Nov-1998	AT	99958201.8	1131973			
	BE	99958201.8	1131973			
	CH	99958201.8	1131973			
	CN	99813624.7	99813624.7			
	DE	99958201.8	1131973			
	EP	99958201.8	1131973			
	ES	99958201.8	1131973			
	FI	982531	107864			
	FR	99958201.8	1131973			
	GB	99958201.8	1131973			
	IT	99958201.8	1131973			
	JP	2000-584714	3507440			

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Priority date	Country	Application No.	Grant No.	Title	Standard	ETSI
1-Sep-1999	NL	9958201.8	1131973			
	SE	9958201.8	1131973			
	US	09443262	7016678			
	WO	PCT/FI99/00964				
	US	09/652337		METHOD AND ARRANGEMENT FOR ANTICIPATING DISENGAGEMENT MOMENT OF BATTERY PACKAGE OF BATTERY-OPERATED ELECTRONIC DEVICE. AND BATTERY-OPERATED ELECTRONIC DEVICE		
			6602635	Method in the selection of a transfer window, and a mobile station	GSM	ETSI
16-Mar-1999	CN	00805040.6	805040.6			
	EP	00912686.3				
	FI	990590	106498			
	JP	2000-605421	3507443			
	US	09/527435	6891818			
	WO	PCT/FI00/00199				
7-Oct-2003	DE	60310009		Electronic device update by establishing data connection with server via a mobile station	not declared	
	EP	03396093.1	1408709			
	FR	03396093.1	1408709			
	GB	03396093.1	1408709			
14-Feb-2000	AT	01907602.5	1266900	DATA PACKET NUMBERING IN PACKET-SWITCHED DATA TRANSMISSION	UMTS	ETSI 20011221
	BR	P10108226.4			UMTS (T63)	ARIB 20030130 ver2
	CA	2398486	2398486			
	CN	200410061526.70	200410061526.70			
	DE	01907602.5	60102809			
	DK	01907602.5	1266900			
	EP	01907602.5	1266900			
	ES	01907602.5	1266900			
	FI	20000315	112305			
	FR	01907602.5	1266900			
	GB	01907602.5	1266900			
	GR	01907602.5	1266900			
	IT	01907602.5	1266900			
	JP	2007-50206				
	JP	2001-559225				
	KR	2002-7010564	458533			
	NL	01907602.5	1266900			
	SG	200204331.3	90538			
	TR	01907602.5	200401721T4			
	US	09/780529	7167475			
	WO	PCT/FI01/00130				
	ZA	2002/6438	2002/6438			
9-Jan-2001	BR	P10206380.8		Method and apparatus for improving radio spectrum usage and decreasing user data delay when providing packet PSI status	GSM	ETSI 20020724
	CA	2434266				
	CN	200710180200.X				
	CN	02806247.7	2806247.7			
	DE	02729473.5	1352532			
	EP	02729473.5	1352532			
	EP	7100420.4				
	GB	02729473.5	1352532			
	HK	3105981.1	1056661			
	JP	2002-557146	4184792			

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Priority date	Country	Application No.	Grant No.	Title	Standard	ETSI	20020724
9-Jan-2001	BR	2003-7009202	649542				
	SG	200304133.2	98220				
	US	11/508475					
	US	10/004477	7136363				
	US	11/973288					
	WO	PCT/IB02/00010					
	ZA	2003/5311	2003/5311				
	BE	02702578.2	1350397	METHOD FOR DYNAMICALLY MAPPING CHANNELS FOR NEW GSM FREQUENCY BANDS	GSM	ETSI	20020724
	BR	P10206257.7					
	CA	2431726	2431726				
	CH	02702578.2	1350397				
	CN	02803562.3	2803562.3				
	DE	02702578.2	1350397				
	EP	02702578.2	1350397				
	ES	02702578.2	1350397				
	FR	02702578.2	1350397				
	GB	02702578.2	1350397				
	IT	02702578.2	1350397				
	KR	2003-7008973	593458				
	NL	02702578.2	1350397				
	SE	02702578.2	1350397				
	SG	200303579.7	97566				
	TR	02702578.2	20070402114				
	US	10/040896	6748219				
	WO	PCT/IB02/00012					
	ZA	2003/4872	2003/4872				
12-Dec-2001	BR	P10214704.1		Method, apparatus and system for synchronizing a cellular communication system to GPS time	not declared		
	CA	2469924					
	CN	02828031.8					
	EP	02804634					
	JP	2003-552010					
	KR	2008-7012389					
	KR	2004-7008640					
	US	10830270	6925292				
	US	10/016140	6748202				
	WO	PCT/IB02/05183					
3-Apr-2002	CN	200810125005.10		3G MEASUREMENTS IN PBCCH CELL IN DEDICATED GSM MODE	GSM	ETSI	20051117
	CN	03807787.6	3807787.6				
	EP	03745361.0					
	IN	2171CHENP/2004					
	JP	2003-581379					
	KR	2004-7015584					
	MY	P120031087					
	RU	2004132193	2320098				
	TW	92107019	1265740				
	US	10/115624	6765891				
	WO	PCT/IB03/01129					
	ZA	2004/7930	2004/7930				
24-Oct-2002	AU	2003257870	2003257870	Transport block size (TBS) signaling enhancement	UMTS	ETSI	20040701
	BR	P10304678.3			UMTS (TBS)	ARIB	20050920 ver4 50.2
	CA	2445024	2448024				
	CN	200310104364.60	200310104364.60				

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Priority date	Country	Application No.	Grant No.	Title	Standard
23-Jan-2004	DE	03024480.0	1414202		
	EP	03024480.0	1414202		
	EP	7012650.7			
	ES	03024480.0	1414202		
	FR	03024480.0	1414202		
	GB	03024480.0	1414202		
	HU	03024480.0	1414202		
	IN	853/CHE/2003	196686		
	IT	03024480.0	1414202		
	JP	2003-363512	3650826		
	KR	74401/2003	553022		
	MX	PA/A/2003/009730	239881		
	MY	PI 20034052			
	NL	03024480.0	1414202		
	RO	03024480.0	1414202		
	RU	2003131271	2274955		
	TW	92126373	253255		
	US	10287810	7289452		
				Enhancement of dual transfer mode when circuit switched resources are released	GSM
	EP	04806321.8			ETSI 20060628
	HK	07101003.6			
	IN	4035/DELNP/2008			
	PE	000068 2005/OIN	4685		
	SG	200604944.9	124165		
	TH	098788			
	TW	94101734			
	US	11/327538			
	US	10763936	7016342		
	VE	05105			
	VN	1-2006-01381			
	WO	PCT/IB2004/004043			
				UTILIZING A SAME TARGET CELL DURING CIRCUIT-SWITCHED AND PACKET SWITCHED HANDOVER	GSM
30-Mar-2005	AU	2006228384			ETSI 20070620
	CA	2602105			
	CN	200680010327.00			
	EP	06727361.5			
	IN	6661/DELNP/2007			
	MY	PI20061395			
	SG	200708574.9			
	TW	951111130			
	US	11/390893			
	WO	PCT/IB2006/000684			

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4. Siinä oleva leima/sinetti on
är försedd med sigill/stämpel av

Helsingin maistraatti

Todistetaan
Intygas

5. Helsinki ssa

6. 28 päivänä loka kuuta 2008
den

7. Toni Ruotsalainen, julkinen notaari
av

8. No 14040
Nr

9. Sinetti/leima:
Sigill/stämpel

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